




# Mr. Soc Virnyl S. Estela


## Software Developer & Technical Writer

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### Technical Skills

- **Programming Languages:** Bash (for shell scripting and automation), Python, Rust, Golang, Typescript/Javascript (for web development with NodeJS and Deno), Julia (for data analyses), HTML/CSS, Typst (similar to LaTeX; used for writing personal documents such as this CV)
- **Web Development:** NodeJS, Deno, Yarn, React, Redux Toolkit, Preact, Hono, Oak, ExpressJS, ViteJS, NextJS
- **Tools:** Git, Github, Github Actions, Woodpecker CI, Trello, VSCode, Vim/Neovim, Kakoune (main code editor), Linux package managers (Zypper, Pacman, DNF, Apt), Distrobox (CLI frontend for podman and docker), Linux (Ubuntu, openSUSE, Fedora)

### Professional and Work Experience

TRIBE |  Singapore | Remote   Mar 2024 - June 2025  
Technical Content Developer/Technical Writer

- Increased participation of **300 to 1000+** new and experienced developers by creating tutorial content of different software and tools such as React, Deno, NodeJS, Hono, Typescript, Javascript, and Rust. Notable works are:
  - ▶ [Rust Pathway](#) (a series of Rust tutorials and campaigns)
  - ▶ [Fuel Up Your API Development with Hono and Deno](#) (a introductory tutorial for backend development and authentication using Hono and Deno).

Misamis University |  Philippines | On-site   Jul 2022 - Mar 2024

Science Instructor

### Education

Self-taught   2020 - present  
Programmer/Software Developer

- Joined [Boot.dev](https://www.boot.dev) to learn backend development in Golang and Typescript. Here is a link to my progress <https://www.boot.dev/u/uncomfyhalomacro>.
- Built APIs and Auth logic with the following projects at [StackUp](#) for writing tutorial content:
  - ▶ [the Deno learning modules](#)
  - ▶ [a basic authentication and authorisation with ExpressJS tutorial](#).
- Built a [prototype for a forum or microblogging web application](#) using blockchain to store posts and comments with Solidity and Typescript at [StackUp](#) for tutorial content.

Mindanao State University - Iligan Institute of Technology, Philippines   2018 - 2022

BSc. in Biology, Major in Microbiology   GPA 1.593

Academic Distinction: Cum Laude

DOST Philippine Science High School - Central Mindanao Campus, Philippines   May 2012 - May 2018

Scholarship Grantee

### Open Source, Personal Projects and Volunteer Experience

 openSUSE   2021 - present

Member and Volunteer Packager

Packager for various openSUSE packages for Zig, Juliaup, Wezterm, Zola, Zellij, Helix and 20+ more packages using RPM specfile format with the help and mentorship of [William Brown](#) from SUSE.

 OBS Service Cargo   2022 - present

Core Developer/Maintainer

- The only recommended tool on <https://build.opensuse.org> and by other packagers to automate packaging of Rust software in openSUSE.
- Has **100% test coverage** to ensure consistent creation of tar archives of vendored dependencies. It uses [Roast](#) as the tar archiver logic.

 Roast   2024 - present

Core Developer/Maintainer

- Achieved **70% increase in performance**, shortening the time to create highly compressed archive tarballs.
- Has **100% test coverage** to ensure consistent behaviour such as deterministic creation of tar archives.
- Used internally for [OBS Service Cargo](#) for the generation of vendored tarballs.

 Gator   2025

Guided Project

- Written own implementation of a Blog Aggregator in Golang as a guided project from [Boot.dev](#).
- Learned how to use SQLC and PostgreSQL in this project with the combination of processing HTTP requests and parsing HTML responses as XML format using Golang code.

 PokedexCLI   2025

Guided Project

- Written own implementation of a PokedexCLI as a guided project from [Boot.dev](#).
- Learned how to create and perform HTTP requests and process HTTP responses from bytes to JSON data in this project using Golang code.

 Bunny   2025

Core Developer/Maintainer

- Won 1st place with <https://github.com/uncomfyhalomacro/bunny> in the amateur category of [Boot.dev 2025 Hackathon](#). It is a markdown parser library.

 Waycrate   2022 - present

Organization Admin/Member

Member of the Waycrate organization, a small community of open-source enthusiasts and contributors.

- Mentor Organization for Google Summer of Code:
  - ▶ [Google Summer of Code 2024](#)
  - ▶ [Google Summer of Code 2025](#)

References available on request